Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Friday 01 Oct 2021 until 23:59 on Saturday 02 Oct 2021

Forecast Issued on Friday 01 Oct 2021 at 01:23

Confidence: High for unsettled and often windy conditions throughout the period. Lower confidence in the details and timing of rain, particularly through the weekend.

Headline for Friday 01 Oct 2021: Early rain clearing to give a bright day with the risk of a blustery shower.

Mountain weather hazards on Friday 01 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain showers	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
80%	40%	20%	30%	30%	20%

Forecast for Friday 01 Oct 2021

Weather: Persistent, locally heavy, rain and patchy low cloud will clear during the early part of the morning to leave a brighter day with some good sunny spells but also some isolated showers. These showers will be fast moving in the strong westerly/southwesterly winds but could be heavy if you see one with a low risk of hail and thunder. Conditions remain similar overnight, generally clear but with the risk of an occasional shower persisting.

Chance of cloud free mountain/hill tops above 600m: 40% during the early morning but improving to become 100% by late morning.

Visibility: Patches of low cloud obscuring hills above 500m through the morning, giving some poor visibilities, particularly in association with more persistent rain. Visibility may be poor or very poor at times with nearby landmarks difficult to make out. Cloud lifting to well above summits by late morning with very good visibility in general, though nearby hills becoming temporarily obscured in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Friday 01 Oct 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/34 SW	29/40 SW	24/34 W	23/33 W	19/28 SW	21/30 SW	19/29 SW
300	21/28 SW	23/34 SW	20/31 W	19/30 W	15/25 SW	15/25 SW	14/24 SW
Valley	12/26 SW	17/33 W	16/31 W	16/31 W	10/24 SW	10/24 SW	9/23 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/4	8/3	8/3	8/3	7/2	6/1	5/1
300	11/7	10/7	11/7	11/7	9/6	8/4	8/4
Valley	11/9	11/8	11/8	12/8	10/7	8/6	8/5
Freezing Level*	1900m	1700m	1300m	1300m	1300m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong blustery winds likely though the day and these could locally gust to 35-45mph over the highest tops and in association with any heavy showers during the afternoon. These strong winds giving a very cool feel to the day at higher levels despite the bright conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Fri 01 Oct 2021	17.4mm	28.6mm	34mm

Forecast for Saturday 02 Oct 2021

Weather: Largely dry and clear to start, perhaps with the odd shower, but outbreaks of rain will spread into the area by the afternoon. Rain will turn heavy and persistent, with strong winds, likely gales at higher levels, as the area of heavy rain crosses the Park through the afternoon. This will clear into the evening to leave drier, clearer but still windy conditions with the risk of showers overnight.

Maximum wind: Southerly or southeasterly winds mean 20-30mph and gust 35-45mph are possible into the afternoon.

Chance of cloud free mountain/hill tops above 600m: 90% to start but reducing through the morning to become 30% into the afternoon and evening.

Visibility: Patchy low cloud possible to start obscuring the highest summits, but this will tend to thicken and lower into the afternoon to give widespread low cloud above 200-300m during the afternoon and some poor visibility in persistent rain. Conditions will improve overnight as rain clears away.

Temperature: **Valleys:** Plus 6 Celsius, becoming Plus 11 Celsius during the day.
At 600m: Plus 7 Celsius
Freezing level: Above summits.

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